



International Agency for  
Research on Cancer  
World Health Organization



International Association  
of  
Cancer Registries

# Cancer Incidence in Five Continents, Vol. IX



Edited by Curado. M. P., Edwards, B., Shin. H.R, Storm. H., Ferlay. J.,  
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# **Cancer Incidence in Five Continents**

**Volume IX**

## **INTERNATIONAL AGENCY FOR RESEARCH ON CANCER**

The International Agency for Research on Cancer (IARC) was established in 1965 by the World Health Assembly, as an independently financed organization within the framework of the World Health Organization. The headquarters of the Agency are at Lyon, France.

The Agency conducts a programme of research concentrating particularly on the epidemiology of cancer and the study of potential carcinogens in the human environment. Its epidemiological studies are supplemented by studies of the mechanisms of carcinogenesis carried out in the Agency's laboratories in Lyon. The promotion of collaborative research among scientists worldwide is a strong feature of the Agency's activities. The Agency also conducts a programme for the education and training of personnel for cancer research.

The publications of the Agency are intended to contribute to the dissemination of authoritative information on different aspects of cancer research. A complete list is printed at the back of the book. Information about IARC publications and how to order them is also available via the Internet at: <http://www.iarc.fr/>

## **INTERNATIONAL ASSOCIATION OF CANCER REGISTRIES**

The International Association of Cancer Registries (IACR) was created following a decision taken during the Ninth International Cancer Congress held in Tokyo, Japan, in 1966. The Association is a voluntary non-governmental organization in official relations with WHO, representing the scientific and professional interests of cancer registries, with members interested in the development and application of cancer registration and morbidity survey techniques to studies of well-defined populations.

The constitution provides for a Governing Body composed of a President, General Secretary, Deputy Secretary and nine regional representatives. From 1973 the IARC has provided a secretariat for the Association with the primary functions of organizing meetings and coordinating scientific studies. Information about the Association, including membership, activities and publications, can be found on the Internet at: <http://www.iacr.com.fr/>



International Agency for  
Research on Cancer (WHO)



International Association  
of Cancer Registries

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**Edited by  
M.P. Curado, B. Edwards, H.R. Shin,  
H. Storm, J. Ferlay, M. Heanue and P. Boyle**

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# Contents

<b>Foreword</b> .....	ix
<b>Contributors to Introductory Chapters</b> .....	xi
<b>Contributors</b> .....	xiii
<b>Chapter 1. Introduction</b> .....	1
M.P. Curado, H. R. Shin, J. Ferlay	
<b>Chapter 2. Techniques of registration</b> .....	14
M.P. Curado	
<b>Chapter 3. Classification and coding</b> .....	40
H. R. Shin	
<b>Chapter 4. Histological groups</b> .....	61
L. Egevad, M. Heanue, D. Berney, K. Fleming, J. Ferlay	
<b>Chapter 5. Comparability and quality of data</b> .....	67
H. R. Shin, M.P. Curado, J. Ferlay, M. Heanue, B. Edwards, H. Storm	
<b>Chapter 6. Processing of data</b> .....	95
J. Ferlay	
<b>Chapter 7. Age-standardisation and denominators</b> .....	99
M. Boniol, M. Heanue	
<b>THE NARRATIVES AND THE MAPS</b> .....	103
<b>Africa</b>	
Map of Africa .....	104
Algeria .....	105
Egypt .....	106
Tunisia .....	107
Uganda .....	108
Zimbabwe .....	110
<b>Central and South America</b>	
Map of Central and South America .....	111
Argentina .....	112
Brazil .....	113
Chile .....	117
Colombia .....	118
Costa Rica .....	119
Ecuador .....	120
France, Martinique .....	121
Peru .....	122
<b>North America</b>	
Maps of Canada and United States of America.....	123
Canada .....	124
United States of America .....	136
<b>Asia</b>	
Maps of Asia .....	209
Bahrain .....	214
China .....	216

## Contents

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Cyprus .....	223
India .....	224
Israel .....	232
Japan .....	234
Korea .....	242
Kuwait .....	253
Malaysia .....	255
Oman .....	257
Pakistan .....	258
Philippines .....	260
Singapore .....	262
Thailand .....	264
Turkey .....	267
<b>Europe</b>	
Maps of Europe .....	269
Austria .....	276
Belarus .....	280
Belgium.....	281
Bulgaria .....	283
Croatia .....	285
Czech Republic .....	286
Denmark .....	288
Estonia .....	290
Finland .....	292
France .....	293
Germany.....	303
Iceland .....	312
Ireland.....	313
Italy .....	314
Latvia .....	340
Lithuania .....	341
Malta.....	342
Norway .....	343
Poland .....	344
Portugal.....	348
Russia.....	350
Serbia .....	351
Slovak Republic .....	352
Slovenia .....	353
Spain .....	354
Sweden .....	368
Switzerland .....	369
The Netherlands .....	378
United Kingdom .....	382
<b>Oceania</b>	
Map of Oceania .....	398
Australia .....	399
French Polynesia .....	411
New Zealand .....	413
USA, Hawaii .....	414

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**THE TABLES**

Age-standardized and cumulative incidence rates (three-digit rubrics) .....	417
Age-standardized incidence rates by histological type .....	679
Indices of data quality.....	801
Cancer Incidence in Five Continents Volume VIII: Errata.....	895





# Foreword

It is difficult to estimate the number of people around the world who work diligently to collect the data that are presented in *Cancer Incidence in Five Continents*. One thing is clear: it is a large number. Surgeons, oncologists, pathologists, radiologists, radiotherapists, epidemiologists, statisticians, coding clerks and many other staff from different specialist backgrounds engaged in medical practice and medical records contribute to the accurate diagnosis and coding of cancer.

Their combined work is summarised in the pages of this volume. *Cancer Incidence in Five Continents* (CI5) has become the recognised reference source on the incidence of cancer in populations around the world. The ninth volume has a wider coverage than before presenting data from around the year 2000 (ideally the period 1998–2002) not only for entire populations but also for sub-populations living in the same geographic area.

This volume presents incidence data from populations all over the world for which good quality data are available. Scanning through the information gives a clear presentation of the changing cancer patterns worldwide. The nine volumes of *Cancer Incidence in*

*Five Continents* now cover a period of approximately forty years. These new data are meant to be used and be useful. Looking ahead, with the rapidly rising cancer burden in low-income and medium-income countries, more high-quality incidence data are needed from regions and countries in such settings. Reliable data are needed to establish the cancer burden and to monitor its evolution in all parts of the world, particularly in response to cancer control activities. Nurturing the development of cancer registration in such countries is of major importance and one issue that the International Agency for Research on Cancer is addressing.

On behalf of the International Agency for Research on Cancer, and the Editors, I would like to acknowledge the fruitful collaboration with the International Association of Cancer Registries, and IARC looks forward to the continual development of this collaboration. It is also a pleasure to acknowledge the directors and staff of all the registries who submitted their data, and responded to their series of questions and clarifications. Without their great efforts and dedication, information on the incidence of cancer, as made available in this volume, would not be available to all those concerned in the fight against cancer.

**Peter Boyle, PhD**  
**Director, IARC**